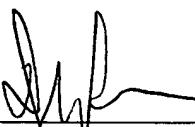


U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER
FORM PTO-1390 (REV 10-94)		10921.261USWO
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) unknown 10/518224
INTERNATIONAL APPLICATION NO. PCT/JP2003/007457	INTERNATIONAL FILING DATE June 12, 2003	PRIORITY DATE CLAIMED June 19, 2002
TITLE OF INVENTION CHIP RESISTOR HAVING LOW RESISTANCE AND METHOD OF MAKING THE SAME		
APPLICANT(S) FOR DO/EO/US TSUKADA		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(l).</li> <li>4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input checked="" type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> A signed oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p>Items 11. to 16. below concern document(s) or information included:</p> <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>14. <input type="checkbox"/> A substitute specification.</li> <li>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>16. <input checked="" type="checkbox"/> Other items or information: Application Data Sheet, International Publication Page, International Search Report, PCT/IB/304, 308</li> </ol>		

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) Unknown	INTERNATIONAL APPLICATION NO. PCT/JP2003/007457	ATTORNEY'S DOCKET NUMBER 10921.261USWO
<b>BASIC NATIONAL FEE (37 CFR 1.492(a) (1)-(5)):</b>		
[ <input type="checkbox"/> a) Basic National fee..... \$300.00 \$300.00		
[ <input type="checkbox"/> b) Examination fee..... \$200.00 \$200.00		
[ <input type="checkbox"/> c) Search fee..... \$500.00 \$500.00		
<b>TOTAL OF ABOVE CALCULATIONS =</b> \$1,000.00		
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.		
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)
33	-100 = 0	/50 =
X \$250.00 \$0.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than [ <input type="checkbox"/> ] 20 [ <input type="checkbox"/> ] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		
CLAIMS	NUMBER FILED	NUMBER EXTRA
Total claims	4	-20 = 0
Independent claims	2	-3 = 0
X \$50.00 \$0.00		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		
+ \$360.00 \$0.00		
<b>TOTAL OF ABOVE CALCULATIONS =</b> \$1,000.00		
Reduction by 1/2 for filing by small entity, if applicable. Small entity status is claimed pursuant to 37 CFR 1.27		
\$0.00		
<b>SUBTOTAL =</b> \$1,000.00		
Processing fee of \$130.00 for furnishing the English translation later than [ <input type="checkbox"/> ] 20 [ <input type="checkbox"/> ] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		
+ \$0.00		
<b>TOTAL NATIONAL FEE =</b> \$1,000.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		
+ \$40.00		
<b>TOTAL FEES ENCLOSED =</b> \$1,040.00		
Amount to be: refunded \$0.00		
charged \$0.00		
<p>a. <input checked="" type="checkbox"/> Check(s) in the amount of \$1000 &amp; \$40 to cover the above fees is enclosed.</p> <p>b. [ <input type="checkbox"/> ] Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>13-2725</u>.</p>		
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.		
SEND ALL CORRESPONDENCE TO: Douglas P. Mueller MERCHANT & GOULD P.O. Box 2903 Minneapolis, MN 55402-0903		 SIGNATURE: _____ NAME: Douglas P. Mueller REGISTRATION NUMBER: 30,300

Applicant: TSUKADA  
 Docket: 10921.261USWO  
 Title: CHIP RESISTOR HAVING LOW RESISTANCE AND METHOD OF MAKING THE SAME

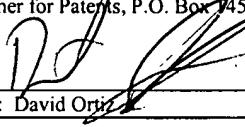
DT01 Rec'd PCT/PTC 16 DEC 2004

## CERTIFICATE UNDER 37 CFR 1.10

'Express Mail' mailing label number: EV 495867735 US

Date of Deposit: December 16, 2004

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By:   
 Name: David Ortiz

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

- Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- National Stage PCT Patent Application: Spec. 21 pgs; 4 claims; Abstract 1 pg.  
 The fee has been calculated as shown below in the 'Claims as Filed' table.
- 12 sheets of formal drawings
- A signed Combined Declaration and Power of Attorney
- Assignment of the invention to ROHM CO., LTD., Recordation Form Cover Sheet
- A check in the amount of \$1000.00 to cover the Filing Fee
- A check for \$40.00 to cover the Assignment Recording Fee.
- Information Disclosure Statement, Form 1449, 4 reference(s).
- Application Data Sheet, 3 pages.
- Other: Preliminary Amendment, PTO Form 1390, International Search Report, International Publication Page, PCT/IB/304, 308
- Return postcard

## CLAIMS AS FILED

Number of Claims Filed	No.	In Excess of	Extra	Rate		Fee
Total Claims	4	20	0	50	=	0.00
Independent Claims	2	3	0	200	=	0.00
Multiple Dependent Claims Fee					=	0.00
Basic Filing Fee					=	300.00
Search Fee					=	500.00
Examination Fee					=	200.00
Utility Application Size Fee	33	100	0	250	=	0
Total					=	1000.00

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.  
 P.O. Box 2903, Minneapolis, MN 55402-0903  
 (612) 332-5300

By:   
 Name: Douglas P. Mueller  
 Reg. No.: 30,300  
 Initials: DPM/jh

23552

PATENT TRADEMARK OFFICE

(PTO TRANSMITTAL - NEW FILING)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

10/518224

DT01 Rec'd PCT/F 16 DEC 2004

Applicant: TSUKADA

Filed: December 16, 2004

Docket No.:

10921.261USWO

Title: CHIP RESISTOR HAVING LOW RESISTANCE AND METHOD OF  
MAKING THE SAME

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EV 495867735 US

Date of Deposit: December 16, 2004

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, Mail Stop PCT, P.O. Box 1450, Alexandria, VA 22313-1450.

By: \_\_\_\_\_  
Name: David Ortiz

COMMUNICATION UNDER 37 C.F.R. §1.32(c)(3)

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §1.32 (c)(3) please appoint the following 10 practitioners named in the Power of Attorney to be recognized by the U.S. Patent Office as being of record in the above-identified application:

10 Brian H. Batzli (32,960)  
John A. Clifford (30,247)  
John J. Gresens (33,112)  
Curtis B. Hamre (29,165)  
Robert A. Kalinsky (50,471)

James A. Larson (40,443)  
Douglas P. Mueller (30,300)  
Joshua N. Randall (50,719)  
Michael D. Schumann (30,422)  
Gregory A. Sebald (33,280)

The undersigned was named on the Power of Attorney.

Respectfully submitted,

MERCHANT & GOULD P.C.  
P.O. Box 2903  
Minneapolis, Minnesota 55402-0903  
(612) 332-5300

By \_\_\_\_\_  
Douglas P. Mueller  
Reg. No. 30,300

Dated: December 16, 2004

DPM/jh

23552

PATENT TRADEMARK OFFICE